**Chemical Engineering**

**BS | BS, 28+ Courses**

**In this major you’ll learn to:**
- Apply knowledge of mathematics, science, and engineering to identify, formulate, and solve engineering problems
- Design and conduct experiments, as well as to analyze and interpret data
- Design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
- Use the techniques, skills, and modern engineering tools necessary for engineering practice

*And so much more!* Faculty and advisors are here to help you get the most out of your program and how it may apply to different career paths

**Preparing for your first job + the future of work**

**Top skills employers want:**
- Teamwork
- Critical thinking
- Analyze + interpret data
- Adaptability + resiliency
- Written + verbal communication
- Ethical judgement + reasoning
- Problem-solving
- Intercultural fluency
- Creativity
- Leadership

*A lot of people said so:* World Economic Forum, McKinsey Consulting future of work report, National Association of Colleges + Employers, UR College Competencies

**Where chemical engineering majors end up**

- Healthcare
- Higher Education Management Consulting
- Pharmaceuticals
- Internet & Software
- Electronic & Computer Hardware
- Environmental Services
- Biotech & Life Sciences
- Aerospace

*Based on real UR student + alumni data!*

**Ways to tell your story:**
*Resources to help you tell your UR story!*
- Your Greene Center advisor
- Resume + Handshake profile
- LinkedIn + Mel Collective profiles
- Practice interviews
- A flexible and evolving plan
- Talk to people! Friends, family, advisors, faculty, alumni... it will help you refine your story!

**How to build these skills:**
- Get an on-campus job
- Take a skill development course
- Pursue an internship
- Conduct research with a faculty member
- Volunteer in the community
- Get involved in student organizations
- Do a virtual project
- Be curious and try new things

*Not sure where to start? The Greene Center can help!*